

The State of the Art Angle

State of the Art Security in IoT Standards, Certification & Governance As Enablers

Arthur van der Wees

Managing Director Arthur's Legal, the global tech by design law firm & knowledge partner

Expert Advisor to the European Commission (Cloud, IoT, Data Value Chain, Cybersecurity, Privacy & Accountability)

Project Leader H2020 IoT LSPs & CSAs Activity Group on Trust, Security, Privacy, Accountability & Liability

Founding Member, Alliance for IoT Innovation (AIOTI)

Project Leader AIOTI WG3 & WG4 Security in IoT & Privacy in IoT

Co-Chair of AIOTI WG4



AIOTI

ALLIANCE FOR INTERNET OF THINGS INNOVATION

‘We are in a position today, in this
Digital Age, where
Technology has outstripped our
Legal & Standards Framework’

Admiral Michael Rogers, Director NSA & Commander CYBERCOM



AIOTI

ALLIANCE FOR INTERNET OF THINGS INNOVATION

State of Play

>

State of the Art



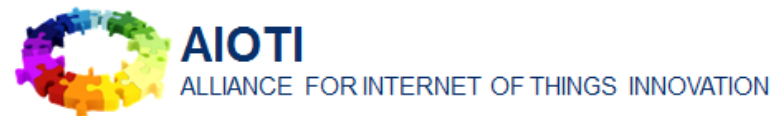
AIOTI

ALLIANCE FOR INTERNET OF THINGS INNOVATION

Static & Continual

>

Dynamic & Continuous



Security Certification & Governance

Contextual, Multi-stakeholder & N-Dimensional

1. State of the Art, Dynamic & Continuous Certification/Assurance
2. Technical & Organisational Measures, Metrics & Measurements
3. Contextualize
4. Life Cycle Methodologies: Devices, Systems, Data, Stakeholders, Context, Engagement
5. Multi-Stakeholders: Customers, Suppliers, Policy Makers, SDO, Authorities
6. N-Dimensional Governance: Hybrid on European level + Member State level



A Trustworthy Internet of Everything for the Wellbeing of People and Planet

Legal Notices

All rights reserved, Arthur's Legal B.V. The content of this document is provided 'as-is' and for general information purposes only; it does not constitute strategic, legal or any other professional advice. The content or parts thereof may not be complete, accurate or up to date. Notwithstanding anything contained in this document, Arthur's Legal B.V. disclaims responsibility (including where Arthur's Legal B.V. or any of its officers, employees or contractors have been negligent) for any direct or indirect loss, damage, claim, or liability any person, company, organisation or other entity or body may incur as a result, this to the maximum extent permitted by law.